

SECRET

02 JAN 1963

1963 JAN 18 23 55Z

19 JAN 1963

O 182247Z *Muet*
FM OPCEN
TO AFSSO USAF

OPERATIONAL IMMEDIATE

HFS
CS
CPL
USP
HLL
25X1
all

DIRNSA

ZEM

SECRET. RELEASABLE FROM SSO CHANNELS. CITE OPCEN 1952.

THE COASTAL DEFENSE MISSILE, AS IDENTIFIED BY THE CUBANS IN THE HAVANA PARADE OF 2 JANUARY 1963 IS UNDOUBTEDLY A MODIFIED VERSION OF THE SOVIET AS-1 KENNEL, AN AIR-LAUNCHED HIGH SUBSONIC SPEED, TURBO-JET POWERED GUIDED MISSILE, WITH AN ESTIMATED MAXIMUM RANGE OF ABOUT 55 NM (WHEN GROUND LAUNCHED RANGE IS 30-40 MILES).

THE MISSILE IN THE PARADE INCORPORATES SEVERAL DISTINCTIVE CHANGES OVER WHAT HAS BEEN OBSERVED IN PREVIOUS PHOTOGRAPHY (REF CIA 829543). THE MAJOR DIFFERENCES BETWEEN THE AS-1 MISSILE AND THE CUBAN PARADE MISSILE INCLUDE VERTICAL TAIL DESIGN AND ANTENNA (POSSIBLY GUIDANCE) FAIRING DESIGN ON TAIL. THE CUBAN

GROUP 1
Excluded from automatic
downgrading and
declassification

SECRET

PARADE MISSILE HAS PROBABLY VENTRAL FINS ON THE AFT SECTION OF THE FUSELAGE . THESE FINS ARE NOT VISIBLE ON RATHER POOR QUALITY PHOTOGRAPHS OF THE AS-1 MISSILE. WHETHER THESE CHANGES HAVE BEEN INCORPORATED IN THE OPERATIONAL AS-1 IS UNDETERMINED. IT IS INTERESTING TO NOTE THAT WHAT ARE PROBABLY AIRPLANE-ATTACHMENT FITTINGS ON TOP OF THE CUBAN PARADE MISSILE HAVE BEEN RETAINED.

SIMILARITIES BETWEEN THE AS-1 AND THE CUBAN PARADE MISSILE INCLUDE GENERAL SIZE AND SHAPE OF WINGS, FUSELAGE, NOSE RADOME, AIR INTAKE, FENCES AND HORIZONTAL STABILIZER.

THE MEASUREMENT COMPARISON BETWEEN MISSILES IN THE HAVANA PARADE AND THE AS-1 IS AS FOLLOWS:

	WINGSPAN	FUSELAGE LENGTH	DIAMETER
HAVANA PARADE	15 FT	25 FT	4 FT
AS-1 KENNEL	16 FT	27 FT	4 FT.

SCP-1

1050 1050

18/2340Z JAN

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